

Internet Explorer window showing a list of documents on the left and a large image of a document on the right. The document image contains the handwritten text "09/ 887081".

Left Panel (List of Documents):

- Drafts
- Pending
- Active
 - L1: (88898) (optical adjl disc).ab,ti.
 - L2: (3624) (storage adjl disc).ab,ti.
 - L3: (92239) 11 or 12
 - L4: (2328) partially adjl cure
 - L5: (3) 13 and 14
 - L6: (23) provisionally adjl bond
 - L7: (92) provisionally adjl bonded
 - L8: (45) provisionally adjl bonding
 - L9: (127) 16 or 17 or 18
 - L10: (5) 13 and 19
 - L11: (7960) partially adjl cured
 - L12: (1884) partially adjl curing
 - L13: (8676) 111 or 112
 - L14: (13) 13 and 113
 - L15: (168) warping adjl prevents
 - L16: (6) 13 and 115
 - L17: (6185) warp with prevents
 - L18: (6729) warping with prevents
 - L19: (12281) 117 or 118
 - L20: (126) 13 and 119
- Failed
- Saved
- Favorites
- Tagged (0)
- UDC
- Queue
- Trash

Right Panel (Document Image):

09/ 887081

Bottom Panel (Table):

U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Cl	Inventor	S	C	P	3	Trans
1													

7-27-03

File Edit View Tools Window Help

DB: USPAT:USPGRUB:EPD:JPG:DERWENT:BM_108

Default operator: DR

09/887081

U 1 Document ID Issue Date Pages Title Current OR Current XRef Retrieval C Inventor S C P 3 Inac

Ready

7-27-03

**End of Result Set**☐ **Generate Collection** **Print**

L2: Entry 1 of 1

File: JPAB

Feb 25, 1992

PUB-NO: JP404057234A

DOCUMENT-IDENTIFIER: JP 04057234 A

TITLE: METHOD AND DEVICE FOR ALIGNING OPTICAL DISK SUBSTRATES

PUBN-DATE: February 25, 1992

INVENTOR-INFORMATION:

NAME

COUNTRY

YOSHIKAWA, TOSHIAKI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

JAPAN STEEL WORKS LTD:THE

APPL-NO: JP02163457

APPL-DATE: June 21, 1990

US-CL-CURRENT: 369/272

INT-CL (IPC): G11B 7/26

ABSTRACT:

PURPOSE: To align two optical disk substrates with high accuracy by dividing a dividing shaft member, which is inserted to the central hole of the substrate, into divided shaft members divided in a radial direction and making these members relatively movable in the radial direction each other.

CONSTITUTION: A substrate 2 directing the adhesive agent face downward is fitted to an upper jig 6, and a substrate 4 directing the adhesive agent face upward is fitted to a lower jig 8. When the upper jig 6 is pushed up while moving a movable board 72 downward, a bottom part 6c of a hole 6a gets contact with shaft parts 18c and 20c and divided shaft members 18 and 20 are pushed downward. On the other hand, they are guided to a slope 24a of a guiding member 24 and moved in a direction to be separated each other against the inner force of a holding spring 32. When the diameter of a circum scribed circle A is coincident with a diameter for the hole 12a of a center hub 12 and a hole 14a of a center hub 14, both the shaft parts 18c and 20c are stopped in contact with the inner diameter part of the both holes 12a and 14a. Thus, two substrates can be aligned with high accuracy.

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